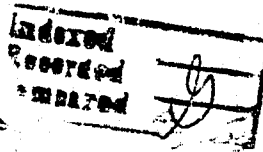


229585



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 24 day of Oct
A.D. 1972 at 40 min. past
1 o'clock P.M. and record-
ed on page 1 of Book 1
of Records of Lewis and
Clark County, State of Montana.

John Daniel
County Recorder

Thomas
Deputy
1200

RECORDED
INDEXED
FILED
OCT 24 1972
CLERK

File No. _____

T. 10N R. 3W

DUPLICATE

East Helena Test Well # 2. North

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 5796)

0 to 10' Gravel sand clay-dry

10 to 20 Gravel sand clay dry

20 to 25 Sand clay-dry

25 to 30 Gravel with a little

clay-very hard-dry

30 to 37 Gravel clay sand mixed

37 to 46 Gravel loose-

water level at quitting

time 29'

46 to 59 Gravel loose -water

59 to 71 Sandy caly -dry

71 to 76 Gravel -water

76 to 80 Gravel-some clay

water

80 to 81 Gravel some clay

clay-hard

81 to 82 Gravel clean

water level 29'

82 to 83 Gravel clay chunks

83 to 86 Gravel - water

level 29'

86 to 93 Silt and some

gravel

93 to 95 Gravel - 29' W.L.

95 to 100 Sandy silt

gravel clay chunks very

soft

100 to 110 Gravel - very

hard - dry with clay chunks

110 to 113 Gravel, sand - water

113 to 114 Hardpan - gravel

very hard

114 to 124 Silty sand - clay mixed

124 to 131 Gravel water bearing

131 to 132 Gravel

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner City of East Helena Address East Helena, Mont.

Driller Price & Lindsay Address Clancy, Montana

Date of Notice of Appropriation of Groundwater July 19, 1963

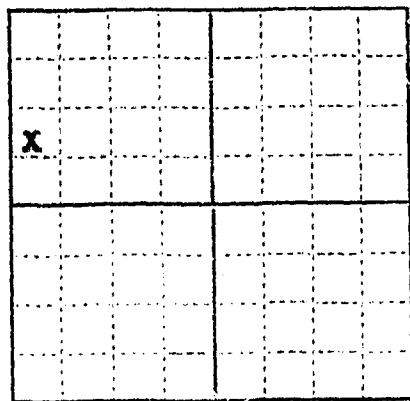
Date well started _____ Date Completed 7/19/63

Type of well Drilled Equipment Used Cable drill

(dug, driven, bored or
drilled)(Churn, drill, rotary or
other)Water Use: Domestic ☐ Municipal ☒ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6" | None | None | None | no | no |



NW 1/4 Sec. 24 T10N R3W

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

144 feet (see next page)

(over)

Static Water Level for non-flowing Well Not tested feet.

Shut-in Pressure for Flowing Well no

Pumping Water Level none feet at none gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested none Length of Test none

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

3134-L

132 to 134 very hard drilling cemented with a little water

134 to 136 Soft sand

136 to 137 Sand and Gravel

137 to 142 Gravel -very hard-little clay- water dropping

142 to 144 Sandy clay- dry

Exact depth of bottom 144 feet.

152277

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within is
instrument was filed in my office on
this 10 day of June
A.D. 1961 at 390 min. past
10 o'clock P.M.

Records of Lewis & Clark
County, State of Montana.

County Recorder

W. J. Case

Deputy

sd. pd.

File No. _____

T 10N R 3E

DUPLICATE

East Helena Test Well #2 North

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 13 1964

Top of Ground

(Elev. above sea level 37961)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

132 to 134 Very hard drilling
Cemented with a little water

134 to 136 Soft Sand

136 to 137 Sand and
gravel137 to 142 Gravel - very
hard - little clay -
water dropping142 to 144 Sandy clay -
dry

Owner City of East Helena Address East Helena, Montana

Driller Price & Lindsay Address Clancy, Montana

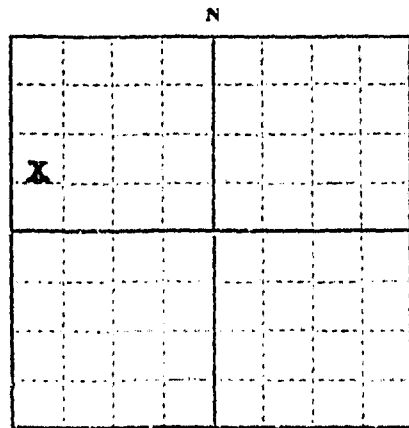
Date of Notice of Appropriation of Groundwater 7/19/63

Date well started _____ Date Completed 7/19/63

Type of well Drilled
(dug, driven, bored or
drilled) Equipment Used cable drill
(Churn, drill, rotary or
other)Water Use: Domestic ☐ Municipal ☒ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6" | None | None | None | No | No |

NW 1/4 Sec. 24 T. 10N R. 3E
Indicate location of well and
place of use, if possible. Each
small square represents 10 acres.Show exact depth of bottom.
144 feet

Static Water Level for non-flowing Well Not tested feet.

Shut-in Pressure for Flowing Well no

Pumping Water Level none feet at none gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested none Length of Test none

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

38
Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

31343

152278

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-
strument was filed in my office on
this 20 day of Jan
A.D. 1964 min. past
10 o'clock A.M.

County of Lewis & Clark
State of Montana

[Signature]
County Recorder

By [Signature]
Deputy

12 pd.

RECORDED
INDEXED
COMPLETED

[Signature]

File No.

DUPLICATE

STATE WATER CONSERVATION BOARD

R E C E I V E D
AUG 10 1965

T. 16 N. R. 3 W. 24
County Lewis & Clark

LOG

REFUSED TO

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 3806.67)

**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Layne Well No. 2

Owner City of East Helena Address East Helena, Mont.Driller Layne-Minn. Co. Address Minneapolis, Minn.

Date of Notice of appropriation of groundwater

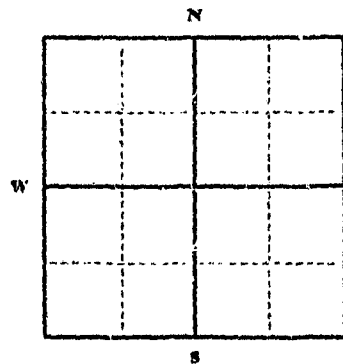
Date well started Mar. 22, 1965 Date completed April 10, 1965

Type of well Drilled Equipment used CAISSON
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☒ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------------------|-------------|-----------|--------------|-------------|-----------|
| Min. | | | | Kind Size | From (Feet) | To (Feet) |
| 42" dia. | 48" OD (Cemented in 56" hole) | 0 | 30 | | | |
| | 16" 3/8 wall | 0 | 58' | | | |
| | 16" OD Stainless steel shutter screen | | | #3 | 58' | 88' |



SW 1/4 NW Sec. 24, T10N R3W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well
.....38'8".....feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level.....53'10".....feet
at 600.....gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Turbine PumpLength of Test.....12 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff).....Outer casing cemented as shown.

Double gravel wall well with 28" dia. divider casing.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

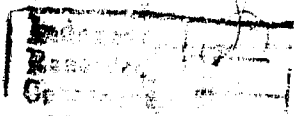
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Layne-Minn. Co.

Driller's Signature

B. C. Vry39415



#170402

STATE OF MONTANA } SS
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 4th day of Aug
A.D. 1965 at 3:30 m. past
1 o'clock P. M.

Records of Lewis & Clark
County State of Montana

John Smith
County Recorder

By Norma Hedley
Deputy

Noted

RECEIVED

County Levi & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner John DanHerdar

Address

Helena, Montana 59601

Date well started July 1, 1972

completed July 4, 1972

Type of well Drilled

(Dig, driven, bored or drilled)

Equipment used Churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

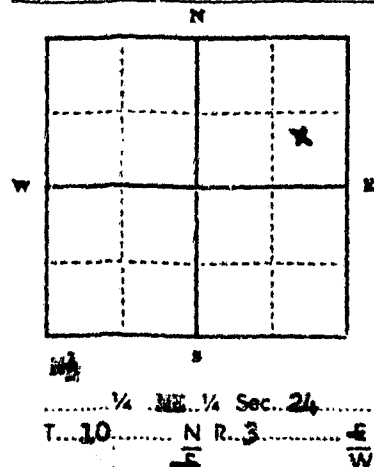
Industrial ☐ Drainage ☐ Other ☐ Garder./Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | Iron pipe 15 lb. | 1.5' | 69.4' | 1/8" 16" | 58.2' | 69.0' |



Static water level 37.8' ft.*
Pumping water level 30 ft.*
at 30 gallons per minute,
measured 120 minutes after pumping
began.

*Measured from ground level.
Well developed by bailing
for 2 hours.

Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shut-off)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Frank C. McPherson

Driller's Address 220 W. Center Ave. East

Helena, Montana 59601

LICENSE NO. 225

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

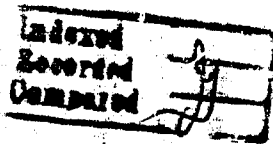
(Elev. above sea level)

| From (Feet) | To (Feet) | |
|-------------|-----------|---------------------------|
| 0.0' | 0.5' | Top 1/4" brown sandy |
| 0.5' | 13.0' | medium gravelly |
| 13.0' | 25.0' | Top silty sandy gravel |
| 25.0' | 32.0' | 1/4" brown gravelly sandy |
| 32.0' | 40.0' | medium gravelly clayey |
| 40.0' | 54.0' | Top sandy silty clay |
| 54.0' | 69.4' | brown silty sandy gravel |
| 69.4' | | Bottom of hole |

69.4' Show exact depth of bottom

52,326

231856



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was duly
filed for record on the 19th day of January
A.D. 1923 at 12 o'clock P.M. and recorded
on page _____ of Book _____
Records of Lewis and Clark County, Montana.

John K. Smith
County Recorder

By *William*
Deputy

W.H.

RECEIVED

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner William Halliger

Address 3270 Lanning Rd.

Helena, Montana 59601

Date well started May 6, 1973

completed May 11, 1973

Type of well Drilled

(Dig, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

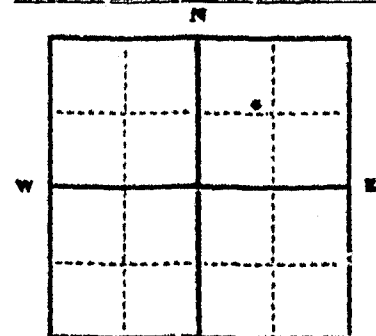
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

US: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 In. | 17 Lb. | 0 | 59 | | | |



NW 1/4 NE 1/4 Sec. 24
T. 10 N. R. 3 E.
S W

Static water level 39 ft.*
Pumping water level 47 ft.*
at 10 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.
Well developed by Bailing
for 2 hours.

Power Pump HP

Remarks: (Gravel packing, cementing,
packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature John Johnson

Driller's Address 885 Griffin Rd. Helena, Montana

LICENSE NO. 155

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

| Top of Ground (Elev. above sea level) | | |
|---------------------------------------|-----------|--------------------------|
| From (Feet) | To (Feet) | |
| 0 | 2 | Topsoil |
| 2 | 19 | Coarse Gravel |
| 19 | 29 | Coarse Gravel |
| 29 | 38 | Clay & Gravel |
| 38 | 51 | Clay |
| 51 | 54 | Sandy Clay 1 gal. a min. |
| 54 | 60 | Clay |
| 60 | 61 | Water Gravel |

61 Ft. Show exact depth of bottom

55656

226537

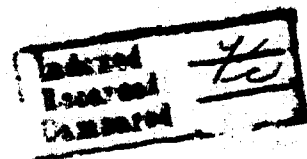
STATE OF MONTANA
COUNTY OF LEWIS & CLARK } 23

hereby certify that the within in-
strument was filed in my office on
the 29 day of June
A.D. 19 73 at 47 min. past
11 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

John D. Davis
County Recorder
Carl Erickson
Deputy

2030



RECEIVED

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Dennis Bush

Address Box 101 East Helena

East Helena, Montana

Date well started March 19, 1973

completed March 22, 1973

For Administrator's Use

File 234054

April 17, 1973

GW1 2:20 p.m.

Type of well Drilled

(Dig, driven, bored or drilled)

Equipment used Chain Drill

(Chain drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

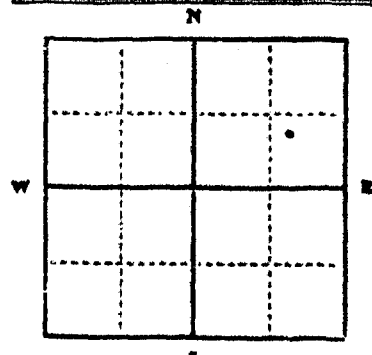
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 In. | 17 lb. | 0 | 66 | | | |



SE 1/4 NE 1/4 Sec 24

T. 16 N. R. 2 E.

Static water level 22 ft.*
Pumping water level 22 ft.*
at 12 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by Bailing

for 2 hours.

Power Pump HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature John Johnson

Driller's Address 225 Griffin Rd. Helena, Montana

LICENSE NO. 153

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

| Top of Ground (Elev. above sea level) | | |
|---------------------------------------|-----------|----------------------|
| From (Feet) | To (Feet) | |
| 0 | 2 | Sandy Top Soil |
| 2 | 12 | Coarse Gravel |
| 12 | 21 | Brown Clay Sandstone |
| 21 | 31 | Gravel (Coarse) |
| 31 | 41 | Coarse Gravel |
| 41 | 45 | Gray Clay Water |
| 45 | 50 | Gray Clay Sand |
| 50 | 66 | Red Clay |
| 66 | 66 | Gravel Water |

66 ft. Show exact depth of bottom

52.9.12

SEARCHED INDEXED
SERIALIZED FILED
JUN 19 1964
FBI - NEW YORK

I hereby certify that the within instrument was filed in my office on this 17 day of April A.D. 1913 at 20 min. past 2 o'clock P.M.

Records of Lewis & Clark
County, State of Montana.

County Recorder
P. Zarchan
Deputy

200

[illegible]

44-38861-103

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Dennis Madeline

Address 2992 Herrin Rd

Helena, Montana

Date well started JUNE 26, 1926

completed June 28, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

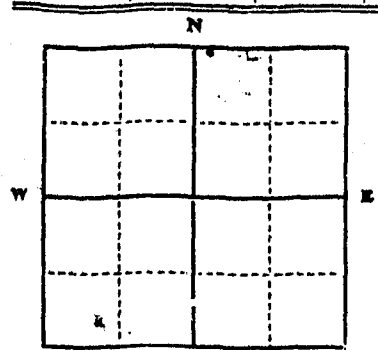
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|---------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6 5/8" cd + 1' | | 60' | cutting torch | 54' | 59' |



Static water level 35 ft.*
Pumping water level 37 ft.*
at 40 gallons per minute,
measured _____ minutes after pumping
began.

*Measured from ground level.
Well developed by barling
for 2 hours.
Power..... Punip..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

NWNW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24
T. 16 N R. 3 E S. 3

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature O'Keefe Contracting Comp.

Driller's Address 2804 Harvard Ave.

Butte, Montana LICENSE NO. 8

County

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

[illegible]

60' Show exact depth of bottom

5/008

227084

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK }

I hereby certify that the within in-
strument was filed in my office on
this 17 day of July
A.D. 1922 at 9 o'clock A.M. and record-
ed on page of Book
of Records of Lewis and
Clark County, State of Montana.

John A. Kinnick
County Recorder
By [Signature]
Deputy

220

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Gordon Koterba

Address 2957 Village Rd.

Helena, Montana 59601

Date well started April 2, 1973

completed April 1973

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

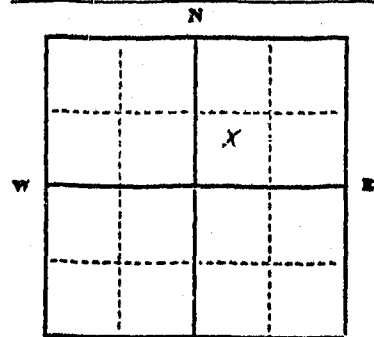
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 In. | 17 Lb. | 0 | 69 | | | |



Static water level 44 ft.*
Pumping water level 60 ft.*
at 10 gallons per minute,
measured 10 minutes after pumping
began.

*Measured from ground level.

Well developed by Drilling
for 8 hours.

Power Pump HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

2 Acres
Tract

S.W. 1/4 N.E. 1/4 Sec. 24

T. 10 N. R. 3 E. S. 8 W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature John Johnson

Driller's Address 335 Griffin St. Helena, Montana

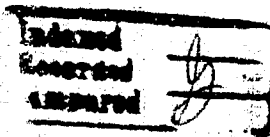
LICENSE NO. 155

| Top of Ground (Elev. above sea level) | | |
|---------------------------------------|-----------|---------------|
| From (Feet) | To (Feet) | |
| 0 | 2 | Topsoil Clay |
| 2 | 33 | Coarse Gravel |
| 33 | 38 | Grey Clay |
| 38 | 45 | Coarse Gravel |
| 45 | 58 | Brown Clay |
| 58 | 63 | Gravel |
| 63 | 68 | Brown Clay |
| 68 | 69 | Grey Clay |
| 69 | 71 | Water Gravel |

71 Show exact depth of bottom

52968

234099



STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-
strument was filed in my office on
this 19 day of Apr
A.D. 19 72 at 0 min. past
1 o'clock P.M. and record-
ed on page of Book
of Records of Lewis and
Clark County, State of Montana.

John J. Smith
County Recorder
[Signature]
Deputy

12200

File No. _____

T. _____ R. _____

DUPLICATE

County Levy

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level _____)

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

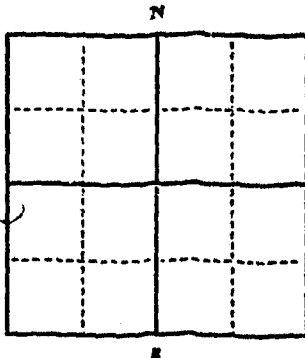
Owner M. J. MacKay Address East HelenaDriller John Redlock Address Helena, Mont.Date of Notice of appropriation of groundwater 3-1-68Date well started 4-5-68 Date completed 4-12-68Type of well Drilled Equipment used Churn Drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6" 19 lb | 0 | 54 | None | | |

Doc. No. 214161

Filed for record

this 27 day of DecemberA. D. 19 70, at 1:00o'clock P.M.

1/4 Sec. _____ T. _____ R. _____
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 35 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 44 feetat 1.0 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BoilerLength of Test 2 h

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

Section 24 T-10-N
R-3 W P.M. Mont.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom. 54'

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Mont 49

Driller's License Number

Driller's Signature

47895

214161

Indexed
Recorded
Certified

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 3 day of Dec
A.D. 19 20 at 8 min. East
1 o'clock P.M.

Records of Lewis & Clark
County, State of Montana

John L. Smith
County Recorder
Carol Erickson
Deputy

2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner H. D. McCarty

Address 1805 Joulyn

Helena, Montana

Date well started August 12, 1972 GW 1 1:15 P.M.

completed August 13, 1972

For Administrator's Use

File 231987

Jan 26, 1973

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

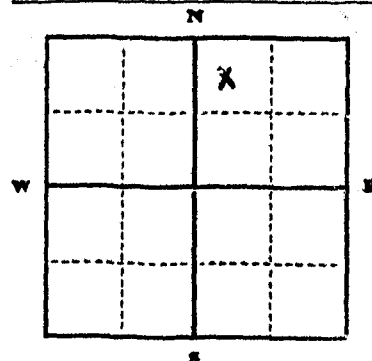
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | blk iron pipe | 0.5' | 54.0' | | | |



Static water level 24.3' ft.*
Pumping water level 30 ft.*
at 30 gallons per minute,
measured minutes after pumping began.

*Measured from ground level.

Well developed by balling

for 2 hours.

Power Pump HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

NE 1/4 Sec. 24
T. 10 N. R. 3 E.
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature James C. Mullan

Driller's Address 220 O. Carter Ave. West

Helena, Montana

LICENSE NO. 225

County Lewis & Clark

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

| Top of Ground | | (Elev. above sea level) |
|---------------|-----------|-------------------------------|
| From (Feet) | To (Feet) | |
| 0.0' | 8.0' | Very dense sandy silty gravel |
| 8.0' | 23.0' | Green gravelly clay |
| 23.0' | 35.0' | Tan gravelly clayey silt |
| 35.0' | 54.0' | Some water, sandy gravel |
| 54.0' | | Bottom of hole |

54.0' Show exact depth of bottom

52,349

231987

| | |
|----------|-------------------------------------|
| Indexed | <input checked="" type="checkbox"/> |
| Recorded | <input checked="" type="checkbox"/> |
| Compared | <input checked="" type="checkbox"/> |

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 26th day of June A.D. 1923 at 1:57 min. past 2 o'clock P.M.

Records of Lewis & Clark
County, State of Montana.

John J. Lounsbury
County Recorder

P. Thomas
Deputy

200

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 10-10-2000 BY 60322
UCBAW

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner **ROBERT JOAN PETER**

Address **Box 276
E. HELENA, MONT.**

Date well started **OCT, 4**
completed **OCT, 7-72**

Type of well **DRILLED**

Equipment used **CABLE TOOLS**

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

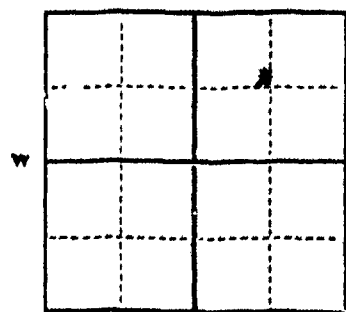
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL **500,000**

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 5/8 | 6 5/8 | 0 | 60 | | | |
| | 20 LB | | | | | |



1 acre in 8

SE SE 1/4 NE 1/4 Sec. 24
T. 10 N R. 3 E

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature **A. J. Walsh**

Driller's Address **5820 N. MONT.**

HELENA LICENSE NO. **100**

County **Lewis & Clark**

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

| Top of Ground (Elev. above sea level) | |
|---------------------------------------|---------------------|
| From (Feet) | To (Feet) |
| 0 | 60 |
| | SAND, GRAVEL |
| | & ROCK |
| 60 | 62 |
| | WATER SAND |

62 Show exact depth of bottom

52,028

230918

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

hereby certify that the within in-
strument was filed in my office on
this 12 day of Dec
A.D. 1970 at 0 min. past
9 o'clock AM and record-
ed on page of Book
of records of Lewis and
Clark County, State of Montana.

John Kanish
County Recorder

P. Thomas
Deputy

Indexed
Recorded
Comptroller

RECEIVED

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Gennie Rayner

Address P.O. Box 717

Helena, Mont

Date well started March 23, 1973

completed March 27, 1973

For Administrator's Use

File 234208

April 25, 1973

GW 1 9:00 A.M.

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

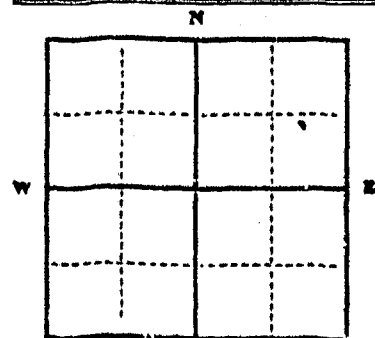
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 In. | 17 Lb. | 0 | 55 | | | |



SE 1/4 NE 1/4 Sec. 24

T. 10 N. R. 3 E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

John Johnson

Driller's Address

335 Griffin St. Helena, Montana

LICENSE NO. 155

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

| From (Feet) | To (Feet) | |
|-------------|-----------|---------------------|
| 0 | 2 | Gravel Topsoil |
| 2 | 25 | Coarse Gravel |
| 25 | 28 | Brown Clay |
| 28 | 32 | Gravel |
| 32 | 40 | Grey Clay & Sand |
| 40 | 55 | Fine Sand Water |
| 55 | 55 | Water Coarse Gravel |

55 Ft. Show exact depth of bottom

53.177

INDEXED
RECORDED
MAR 21 1964

I hereby certify that the within instrument was filed in my office, on this 25 day of April A.D. 19 73 at 00 min. past 9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

County Records

by Nathaniel Williams
Deputy

22. act

File No.

T. 10^N R. 3^W

DUPLICATE

County L & C

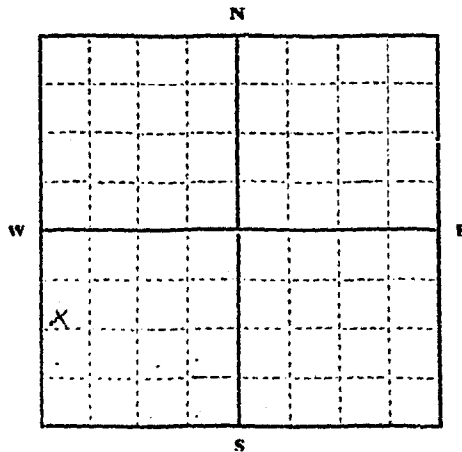
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Trauffer, of 411 N. Rodney Helena
(Name of Appropriator) (Address) (Town)
County of L & C State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/2 SW 1/4 Sec 24 T. 10 N. R. 3 W. SE 1/4 N. 1/2 S. 1/4 E. 1/4
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Household, Stock + irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been app. 1865
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 35 in
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Hayland. Pans crop grain
35 a
John Trauffer
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater no record
8. The depth of water table 40 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater hand dug 30 in dia & Rock
10. The estimated amount of groundwater withdrawn each year no record
11. The log of formations encountered in the drilling of each well if available none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

John Trauffer
Date Dec. 1, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

36228

152426

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 13 day of Jan
A.D. 1967 at 2 min. past
10 o'clock A.

County Recorder of Lewis & Clark
County, State of Montana.

By W. Lass
Deputy

RECEIVED

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Francis White

Address Box 126

East Helena, Montana

Date well started April 5, 1973

completed April 8, 1973

For Administrator's Use

File 234127

April 20, 1973

GW 1 1:00 P.M.

Type of well Drilled

(Dig, driven, bored or drilled)

Equipment used Churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

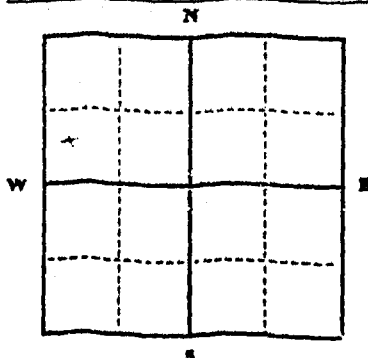
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 5/8" | 6" 15 lb. | 1.5' | 74.0' | | | |



Static water level 43.5 ft.*
Pumping water level 22 ft.*
at 22 gallons per minute,
measured 22 minutes after pumping
began.

*Measured from ground level.

Well developed by bailing
for 2 hours.

Power Pump HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

SM 1/4 BN 1/4 Sec. 24

10 10 N R. 3 E
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature [Signature]

Driller's Address 220 C Custer Ave. West

Helena, Montana 59601

LICENSE NO. 225

| Top of Ground (Elev. above sea level) <u>3815</u> | | |
|---|-----------|-------------------------------------|
| From (Feet) | To (Feet) | |
| 0.0' | 1.0' | Top soil |
| 1.0' | 43.0' | Silty sandy gravel with cobbles |
| 43.0' | 55.0' | Gravelly clay with water at 55.0' |
| 55.0' | 73.0' | Silty clayey sand |
| 73.0' | 74.0' | Fine gravel, coarse sand with water |
| 74.0' | | Bottom of hole |

74.0' Show exact depth of bottom

53,019

234127

Indexed
Serialized
Filed

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 20 day of April
A.D. 1913 at Helena, Mont.
Witness my hand and seal of office this

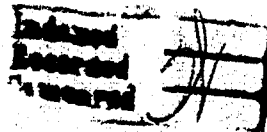
day of April A.D. 1913.
County Clerk of Lewis & Clark
County, State of Montana

John P. Jackson
Deputy
200

County Lewis & Clark

53,178

234507



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

hereby certify that the within in-
strument was filed in my office on
the 4th day of May
A.D. 1913 at 5:55 min. past
o'clock P.M.

Records of Lewis & Clark
County, State of Montana

John J. Nichols
County Recorder

P. J. Jackson
Deputy

200

RECEIVED

County

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD**

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the ~~owner~~ with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner

Address

Date well started

completed

Type of well

Equipment used

Water Use: Domestic

Municipal

k ☐Irrigation ☐

Industrial ☐

Other ☐

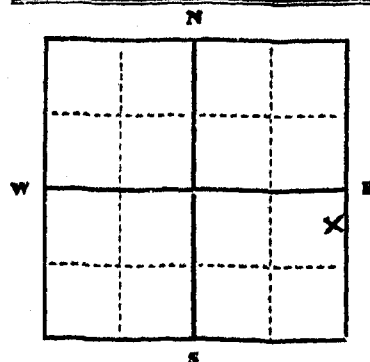
Garden/Lawn

*** Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 17 lb | 0 | 78 | | None | |



Static water level 27 ft.*
Pumping water level 20 ft.*
at 3 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.
Well developed by Bailer
for 2 hours.
Power Electric Pump 1 1/2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

NE $\frac{1}{4}$ $\frac{1}{4}$ Sec. 27
T. 1. D. N R. 3 E
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature _____

Driller's Address

LICENSE NO. 38

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

DRILLER'S LOG

Top of Ground

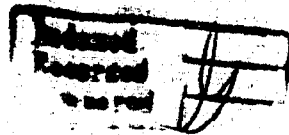
(Elev. above sea level)

[illegible]

78 Show exact depth of bottom

52,970

233953



STATE OF MONTANA } ss
COUNTY OF LEWIS & CLARK }

I hereby certify that the within instrument was filed in my office on this 13 day of Apr A.D. 19 73 at 50 min. past 9 o'clock A.M. and recorded on page of Book of Records of Lewis and Clark County, State of Montana.

John Donick

County Recorder

P. Jackson
Deputy

200

RECEIVED

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Mr. & Mrs. Wiedbush

Address No. of East Helena

East Helena, Montana

Date well started Feb. 5, 1973

completed Feb. 28, 1973

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

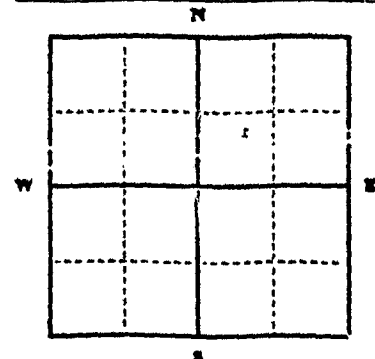
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 | 17 lb. | 0 | 77 | | | |



NG. 54. 1/4 NE. 1/4 Sec. 24
T. 10. N. R. 2. E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address 335 Griffin Rd. Helena, Montana

LICENSE NO. 155

DRILLER'S LOG

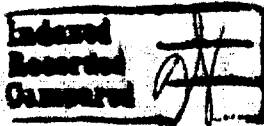
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

| Top of Ground | | (Elev. above sea level) |
|---------------|-----------|-------------------------|
| From (Feet) | To (Feet) | |
| 0 | 1 | Sandy top soil |
| 1 | 47 | Course gravel |
| 47 | 53 | Cement gravel |
| 53 | 60 | Sand water |
| 60 | 66 | Clay sand |
| 66 | 75 | Sand water |
| 75 | 78 | Clay |
| 78 | 77 | Hard pan |
| 78 | | Water |

78 Show exact depth of bottom

52,838

233771



STATE OF MONTANA
COUNTY OF LEWIS & CLARK } 37

I hereby certify that the within instrument was filed in my office on
the 6 day of Sept
A.D. 1913 at 10 min. past
1 o'clock P.M.

Records of Lewis & Clark
County, State of Montana.

[Handwritten Signature]
200

File No.

T 10 N R 3 W

DUPLICATE

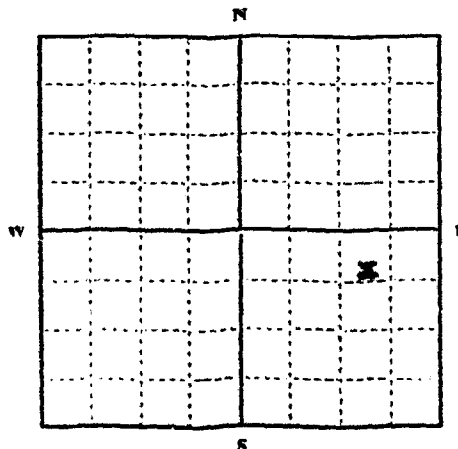
County Lewis and Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

JAN 7 1964
STATE ENGINEER

1. City of East Helena of East Helena
(Name of Appropriator) (Address) (Town)
County of Lewis and Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 25 Sec. T. 10 N R. 3 W

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Municipal
#2
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 8-2-54 Six months irrigation
season and winter months Dec., Jan., Febr.,
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 g.p.m.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
10 H.P. Electric Pump at Corner of Thurman
and East Groschell Street.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 8-2-54 9-20-54
8. The depth of water table 80 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" ID Steel pipe 100 feet perforated
at 33 and 43 feet
pump operated "Time Clock" 6 hours during June, July & Aug.
24 hours per day when needed in Dec, Jan, & Feb.
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available top soil, Gravel, water,
bearing sand at 33 and 43 ft. brown silty clay 80 to 225 ft. well was
backfilled to 100 feet. with silty clay.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record see well drillers log State Engr. and
Board of Health

Signature of Owner ClarkDate 12-23-63

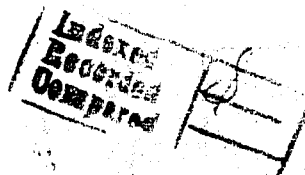
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

26644

151820



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 6 day of Jan
A.D. 19 64 at 51 min. past
10 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

John Donich
County Recorder

By M. L. Loe
Deputy

27 Jan 64

File No.

T. 10^N R. 3^E

DUPLICATE

County Lewis & Clark

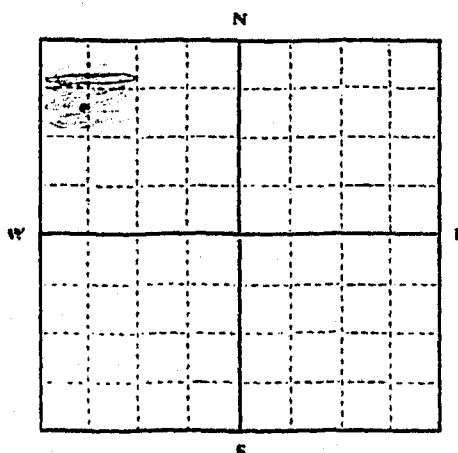
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur H. Connick, of Box 721, East Helena
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 25 T. 10 R. 3

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based household
& irrigating
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been 1940 - continuously
4. The amount of groundwater claimed, (in miner's inches or gallons
per minute) 10 gal. per min. or
600 gal. per hr.
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
12 acres - grazing land &
down
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal electric
pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1940
8. The depth of water table 35 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 80 ft. deep, 14 inches wide,
electric pump well
10. The estimated amount of groundwater withdrawn each year 144,000 gal.
11. The log of formations encountered in the drilling of each well if available large boulders
and gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.

Dated 12-31-63

Herman Markes
Commission expires 15 May 65

Signature of Owner

Arthur H. ConnickDate Dec. 20, 1964

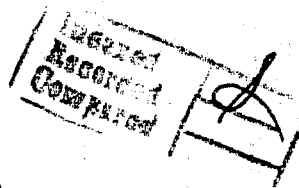
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

36152

152343



STATE OF MONTANA } SS
COUNTY OF LEWIS & CLARK }

I hereby certify that the within instrument was filed in my office on this 10 day of Jan A.D. 1964 at 16 min. past 1 o'clock P.M.

Records of Lewis & Clark
County, State of Montana

[Signature]
County Recorder

By M. Lass
Deputy

s. 200

File No.

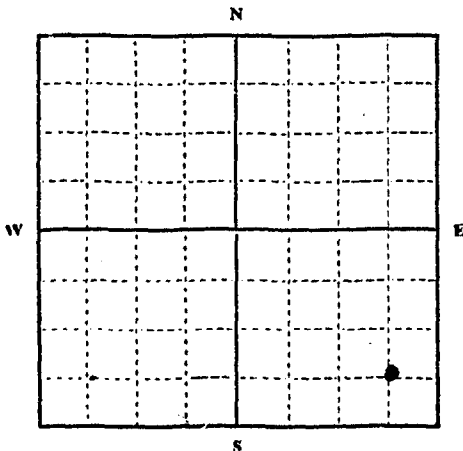
DUPLICATE

T. 10N 3 West
CountySTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
SEP 4 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Richard J. Roy
(Name of Appropriator)
County of Lebanon State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2 1/2 E
..... 1/4 Sec. 25 T. 10N R. 3W

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based For garden3. Date or approximate date Montana purchased
water for use has been Montana4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 20 gals. per minute5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof Richard J. Roy6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal By7. The date of commencement and completion of the construction of the well, wells or other works for
drawal of groundwater Established well at time of purchase of
property8. The depth of water table Twenty feet9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater Twenty feet deep, 20 gals. per minute10. The estimated amount of groundwater withdrawn each year Twelve hundred gals. per day11. The log of formations encountered in the drilling of each well if available None12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record See map attached, no record
at this time. Well on property shown, no record.Signature of Owner Richard J. RoyDate 8-29-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

Index 147531
Assessed

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK }

I hereby certify that the within in-
strument was filed in my office on
this 30 day of Aug
A.D. 1963 at 12 m. past
2 o'clock P.M.

Records of Lewis & Clark
County, State of Montana

John J. Quinn
County Recorder
C. Lynde
Deputy
2.00

File No. _____ STATE WATER CONSERVATION BOARD

DUPLICATE

JUL 18 1966

T. 10N R. 3W

County Lea

LOGS

McDermott

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

Coring

Diameter

(Elev. above sea level)

Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner

Address

Driller

Address

Date of Notice of appropriation of groundwater

Date well started

Date completed

Type of well

Equipment used

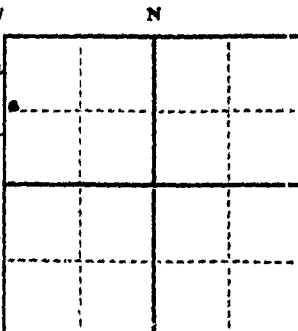
Water use:

Domestic ☒Municipal ☐Stock ☐Irrigation ☐Industrial ☐Drainage ☐Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 5/8 | 6 5/8 | 0 | 31 | 1 | 0 | 0 |
| | 19 LB | | | | | |

Lot Five (5) in Block One (1) of the 1962 Gorsick Addition to the City of East Helena as said lots and block are numbered, designated and described on the official Plat. of said 1962 Gorsick Addition, on file in the Office of the County Clerk and Recorder, County of Lewis and Clark, State of Montana.



Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 15 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 15 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NONE

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

WATER

32 Show exact depth of bottom.


This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 100

Driller's Signature A. F. Welch

41229



100

10



10

10

3

File No.

RECEIVED

T. 14 N. R. 3 W.

DUPLICATE

DEC 22 1969

County.

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

ROBERT E. FOX EAST

Owner. ~~Barney Construction~~ Address. ~~Helena, Mont.~~

Driller. Wes Lindsay Address. Glendy, Mont.

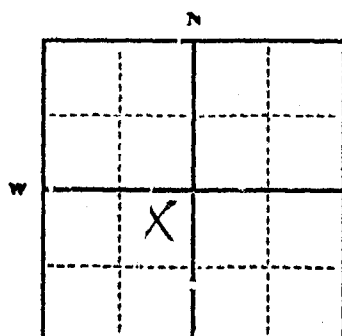
Date of Notice of appropriation of groundwater.

Date well started. Dec. 1-67 Date completed. Dec. 7-67

Type of well. Drilled Equipment used. Churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 17 lb. | 0 | 75 | | none | |



Static Water Level for non-flowing well 15 feet.

Shut-in Pressure for Flowing Well.

Pumping Water Level 55 feet

at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested. Pump

Length of Test. 2 days

Remarks: (Gravel packing, cementing, packers, type of shutoff)

LOT 4 *Donch*
N. 1/4 Sec. 25 T. 14 N. R. 3 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

38

Driller's License Number

Wesley Lindsay
Driller's Signature.

45996

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Show exact depth of bottom.

(Continue on reverse side)
USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Irrigate yard & garden

207475

Indexed
Recorded
Compared

[Signature]

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 17 day of Dec
A.D. 1969 at 15 min. per
2 o'clock P.M.

Records of Lewis & Clark
County, State of Montana.

[Signature: John Daniel]
County Recorder

[Signature: Carol Thute]
Deputy

1.00

RECORDED
1969 DEC 17

1243

File No.

T. 10 N. R. 3 West

DUPLICATE

County Levy & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER OCT 17 1963

RECEIVED

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

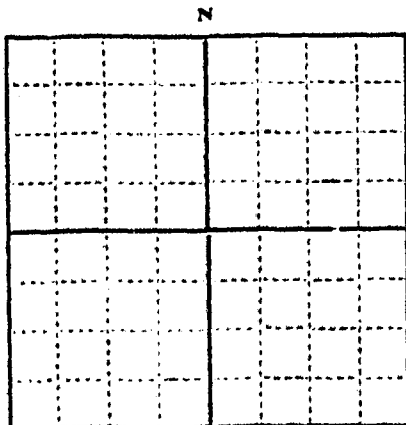
Owner Ronald M. Hoff Address 409 1st St. E. HelenaDriller Wesley Lindsay Address Clancy, Mont.

Date of Notice of Appropriation of Groundwater

Date well started Aug. 21/63 Date Completed Aug. 23/63Type of well Drilled Equipment Used Churn
(dug, driven, bored or (Churn, drill, rotary or drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 1/4" | 17 lb. | 0 | 37' 10" | none | | |



Lot 5 Blk 5, Ranch Addn - 1962
1/4 Sec 25, T. 10, R. 3 West

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 28 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 25 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Backs Length of Test 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

Driller's License Number 38Driller's Signature Wesley Lindsay

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

6435.

RECEIVED
RECORDS
DEPARTMENT

[Handwritten mark]

148874

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } 55

I hereby certify that the within instrument was filed in my office on this 10th day of Oct A.D. 1963 at 9:00 min. past 8 o'clock A.M.

Records of Lewis & Clark County, State of Montana

[Signature: Helen L. Lomish]

County Recorder

[Signature: Norma Helley]

Deputy

2.00

Lots one (1) and Two (2), in Block Five (5) of the
1962 Gorsich Addition to the City of East Helena,
Montana, according to the official plat of said
1962 Addition filed in the office of the County
Clerk and Recorder of Lewis and Clark County on
the 10th day of April 1963.

211301

| | |
|----------|---|
| Indexed | ✓ |
| Recorded | ✓ |
| Compared | ✓ |

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within in-
strument was filed in my office on
the 4 day of April
A.D. 1963 at 5:55 min. past
9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

[Signature]
By *[Signature]*
Deputy

\$2.00

X

47587

G

File No.

DUPLICATE

T. 10N R. 3W
County L & C

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

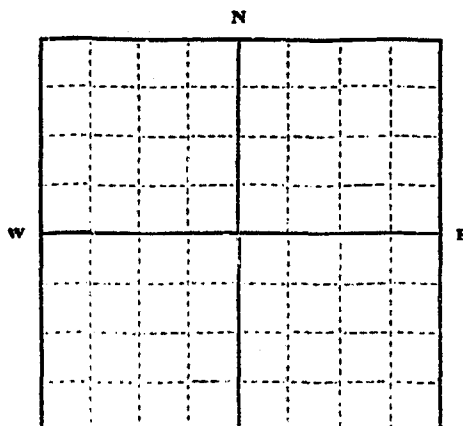
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Albert R. Gray, of 408 East Main - East Helena
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lots 3 to 5 - Block 235 - R & T

1/4 Sec. 25 T. 10N R. 3W East Helena

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1st 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
16 H.P. McDevitt Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept 12 - 1957

8. The depth of water table 40 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled - 6 inch casing - 40 ft

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available
1' to 25' Sand, Gravel & Boulders
25' to 40' Sand & Gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Albert R. Gray

Date Dec 7 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24315

Indexed
Recorded
Compared

151516

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 30 day of Dec

A.D. 19 63 at 50 min. past

4 o'clock PM

at the County of Lewis & Clark
County, State of Montana.

John J. Smith
County Recorder

By Norma Kelley
Deputy

2.00

File No.

DUPLICATE

County

L & O

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level.....)

Gravel and boulders
very little clay.

0 to 46'

Water at 46 ft.

Owner Fred Lamping Jr. Address East Helena, Mont.

Driller Walter Riddick Address Helena, Montana

Date of Notice of Appropriation of Groundwater.....

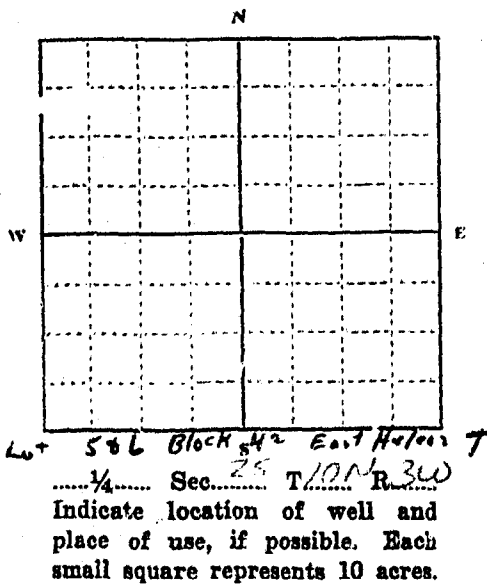
Date well started 5-17-49 Date Completed 5-21-49

Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6" 19# | 0 | 46 | None | | |



Show exact depth of bottom. 46' 5"

Static Water Level for non-flowing Well.....38'.....feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level.....30'.....feet at.....20.....gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested.....Ballor.....Length of Test.....2 Hr......

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

Mont. Driller's License Number 49

Walter Riddick
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

17528

Indexed
Recorded
Compared

151513

STATE OF MONTANA } SS
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 30 day of Dec.
A.D. 1947 at 4 min. past
4 o'clock P.M.

Records of Lewis & Clark
County, State of Montana.

Norman Kelley
County Recorder
By Norman Kelley
Deputy

2.00

File No.

TRIPPLICATE

T. 10^W R. 3^N

County L & C

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

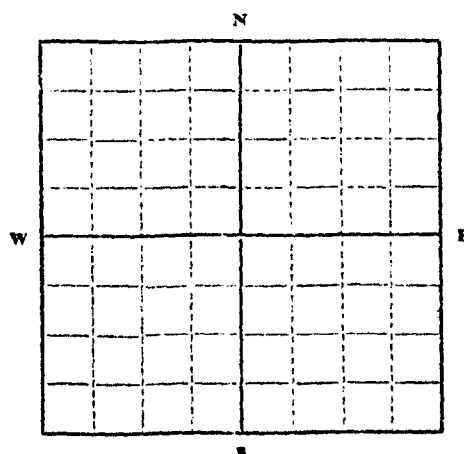
RECEIVED
SEP 4 1963

Declaration of Vested Groundwater Right STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. JOHN E. and/or JUNE E. MIERLE of 212 East Pacific St. East Helena, Montana
(Name of Appropriator) (Address) (Town)

County of Lewis And Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based For irrigation of lawn and garden, and house hold use in emergencies.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1, 1963 About once a week for three or four hours at a time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) One hundred gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lots 5, 6, 7, 8, Block 8 of the original townsite of East Helena, Montana.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Just pressure pump, Lot 7, Block 8, original townsite.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1, 1963 an old abandon well was cleaned out and a pump installed. The well is tiled with 24in. dia. 36in. long clay tile.
8. The depth of water table Well is 14 ft. deep with about 6 ft. of water.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Same as No. 7 above.
10. The estimated amount of groundwater withdrawn each year Unknown.
11. The log of formations encountered in the drilling of each well if available None available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Unknown.

Signature of Owner

Date June 29, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

5661.

147338

Indexed
Recorded
Compared

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within in-
strument was filed in my office on
this 28th day of Aug
A.D. 1963 at 7 min. past
9 o'clock A.M. and record-
ed on page of Book
of Records of Lewis and
Clark County, State of Montana.

John J. Connelley
County Recorder

By James C. Rineer
Deputy

\$ 2.00

RECORDED

STATE

File No. _____

T. _____ 10 R. _____ 3 W. _____

DUPLICATE

County L. & C.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NOV 20 1963

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

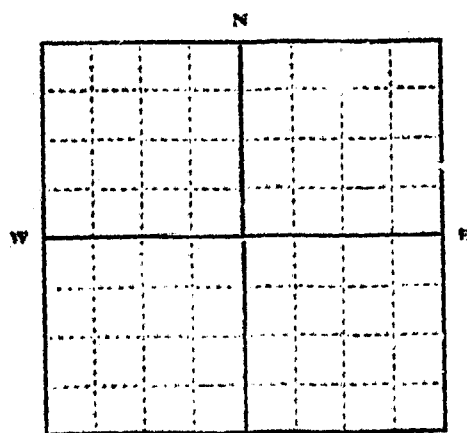
Owner Chas. H. Hordston Address E. HelenaDriller Price & Lindsay Address Clancy, Mont.

Date of Notice of Appropriation of Groundwater _____

Date well started Aug. 18, 63 Date Completed Aug. 20, 1963Type of well drilled Equipment Used churn drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 5/8" | 6 5/8" 15 lb. | 0 | 46' | | | |



Tract in _____
NW 1/4 Sec. 25 T10 R. 1
Indicate location of well and place of use, if possible. Each small square represents 10 acres.
or lot 5, Blk. 2, Gorsich Addn.

Show exact depth of bottom.

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 28 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailer Length of Test 2 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) _____

Driller's License Number 38Driller's Signature Robert Price

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

7327

142857

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within and
return was duly made on
the 14th day of June
A.D. 1963 at the County Seat
of Lewis & Clark County, State of Montana.

John J. Smith
County Recorder

James E. Russell
Deputy

22:00

RECORDED
INDEXED
JUN 14 1963

RECEIVED
JUN 14 1963
COUNTY OF LEWIS & CLARK
STATE OF MONTANA

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner DAVID L. RICKS

Address 201 W. Gail

East Helena Box 806

Date well started MAY-2-73

completed MAY-7-73

Type of well DRILLED

Equipment used CABLE TOOLS

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

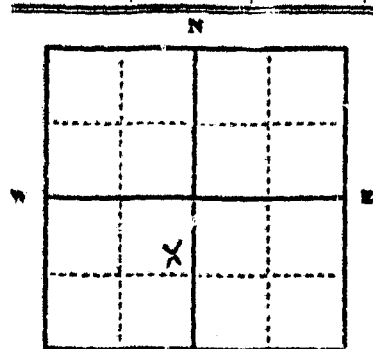
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |
|----------------------|---------------------------|-------------|-----------|--------------|
| <u>6 5/8</u> | <u>6 5/8</u> | <u>0</u> | <u>41</u> | <u>NO</u> |
| | <u>16</u> | | | |



SE 1/4 NE 1/4 SW 1/4 Sec. 25
T. 10 N. R. 3 E.
S. 3 W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature A. J. Walsh

Driller's Address 980 PINAY RD.

Helena LICENSE NO. 100

RECEIVED

County Lewis & Clark

DRILLER'S LOG

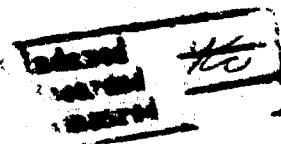
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

| Top of Ground (Elev. above sea level) | |
|---------------------------------------|------------------------|
| From (Feet) | To (Feet) |
| <u>0</u> | <u>41</u> |
| | <u>SAND & ROCK</u> |
| | <u>& GRAVEL</u> |
| | <u>41</u> |
| | <u>WATER</u> |

41 Show exact depth of bottom

54783

236404



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 29 day of June
A.D. 19 73 at 2 min. past
7 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

John K. Smith
County Recorder
Carol Erickson
Deputy

2.00

236404
JUN 29 1973
RECORDED
INDEXED

236404
JUN 29 1973
RECORDED
INDEXED